

# Is firmware your thing?

## Help us develop firmware for our laser systems and accessories

At NKT Photonics, we aim to make a difference in the World. Commercially and by creating technology and products that benefit Mankind. We are the leading supplier of high performance fiber lasers and photonic crystal fibers and we employ some of the best and most creative minds in our industry.

We have the Brand. The strategy. What we need is a **Senior Firmware developer** to be responsible for developing firmware for both new and existing products.

You will work in the System Integration group, a part of the R&D organization which develops firmware, software, electronics, and mechanics for our laser systems and accessories.

Here is what you can expect:

### Responsibilities

- Responsible for firmware development
- Responsible for firmware specification
- Responsible for documenting design rules and guidelines
- Optimize firmware development for fast development and easy product maintenance
- Ensure product with firmware is user-friendly and has the desired functionality
- Ensure firmware is developed in alignment with existing and future products
- Ensure new or revised firmware is debugged and tested thoroughly
- Responsible for documenting new and revised firmware
- Ensure a common build server across development sites

### Qualifications

- Bachelor or Master of Science in Computer or Electrical Engineering (or similar)
- Minimum 8 years of experience from a similar position
- Innovative
- ARM micro-controllers
- ATxmega micro-controllers (preferred)
- Broad and solid technical understanding
- Structured & methodical
- Team oriented but can also work independently
- Able to handle many simultaneous activities
- Fluent in English

Work location will be at NKT Photonics in Birkerød, Denmark. Some travel must be expected, primarily within Europe.

Applications and requests for additional information should be written in English and directed to [careers-dk@nktphotonics.com](mailto:careers-dk@nktphotonics.com) We plan to start the interviewing process immediately.

*NKT Photonics is the leading supplier of high performance fiber lasers and photonic crystal fibers. Our main markets are within imaging, sensing and material processing. Our products include pulsed lasers, such as supercontinuum sources, low noise fiber lasers, distributed temperature sensing systems and a wide range of specialty fibers. NKT Photonics has its headquarters in Denmark with sales and service worldwide. NKT Photonics is wholly owned by NKT Holding A/S. More information on NKT Photonics can be found at [www.nktphotonics.com](http://www.nktphotonics.com)*